	Application No.	Applicant(s)
Notice of Allowability	10/603,798	SMITH, FRANCIS J.
	Examiner	Art Unit
	Kavin V Kim	2611
	Kevin Y. Kim	2611
The MAILING DATE of this communication apperature All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communicatio IGHTS. This application is subject	oplication. If not included n will be mailed in due course. THIS
1. This communication is responsive to application filed on 6-	<u>24-2003</u> .	
2. The allowed claim(s) is/are <u>1-40</u> .		
3. ☐ Acknowledgment is made of a claim for foreign priority un a) ☐ All b) ☐ Some* c) ☐ None of the:		
1. Certified copies of the priority documents have been received.		
2. Certified copies of the priority documents have been received in Application No		
3. Copies of the certified copies of the priority documents have been received in this national stage application from the		
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	of this communication to file a reply IENT of this application.	complying with the requirements
4. A SUBSTITUTE OATH OR DECLARATION must be submit INFORMAL PATENT APPLICATION (PTO-152) which give	itted. Note the attached EXAMINER reason(s) why the oath or declare	R'S AMENDMENT or NOTICE OF ation is deficient.
5. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.		
(a) 🔲 including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached		
1) hereto or 2) to Paper No./Mail Date		
(b) including changes required by the attached Examiner's Paper No./Mail Date	s Amendment / Comment or in the (Office action of
Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in the	.84(c)) should be written on the drawine header according to 37 CFR 1.121	ings in the front (not the back) of (d).
 DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL. 		
	·	
Attachment(s)		
1. Notice of References Cited (PTO-892)	5. Notice of Informal F	• •
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	6. Interview Summary	/ (PTO-413),
Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date	Paper No./Mail Da 7. ☐ Examiner's Amend	ment/Comment
Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. X Examiner's Statement	ent of Reasons for Allowance
	9.	

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1. An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

The application has been amended as follows:

In the Specification:

At page 1, line 4, change "June 26" to -June 25 --.

End of examiner's amendment

Comment: this amendment corrects the incorrectly provided filing date of the provisional

application filing date.

2. The following is an examiner's statement of reasons for allowance: No prior art has been

found to teach or render obvious the invention defined in the pending claims, where a complex

baseband signal is converted to a digital IF composite signal which is then predistorted and the

predistorted signal is converted back to a complex baseband signal before upconversion to RF

wherein the error in the predistortion is computed as a difference between the predistorted signal

and the non-predistorted signal and the predistortion loop-up-table uses switchable dual

memories wherein one is updated while the other is used.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Kevin Y. Kim whose telephone number is 571-272-3039. The

examiner can normally be reached on 8AM -- 5PM M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Jay Patel can be reached on 571-272-2988. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

August 31, 2006

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KEVIN KIM PATENT EXAMINER

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